

ACP-2200
USB/eSATA to SATA & IDE
Disk Mate-easy plug and play

User's Manual

— Version: 1.0 —



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WEEE Statement

[English](#)

In order to cope with the increasing waste electrical and electronic equipment, reduce the use of landfill and incinerator, and prevent the harmful matter of waste equipment from entering the environment, the European Union (EU) has set the Directive on Waste Electrical and Electronic Equipment (WEEE) asking manufacturers to collect, recycle and treat waste electrical and electronic equipment properly. Member nations already established their free of charge recycle systems of WEEE before August 13, 2005. Accordingly, ACARD has to be responsible for recycling all products exported to Germany. You can return your ACARD product that needs recycling to a local collector.

WEEE Erklärung

[German](#)

Mit dem Ziel die steigende Menge elektrischer und elektronischer Altgeräte zu bewältigen ohne hierzu unnötig Mülldeponien und Verbrennungsanlagen zu belasten und um die Verschmutzung der Umwelt durch freiwerdende Stoffe aus den Altgeräten zu vermeiden, hat die Europäische Union (EU) die Richtlinie über Elektro- und Elektronik-Altgeräte erlassen. Die Richtlinie verpflichtet Hersteller, elektrische und elektronische Altgeräte umweltgerecht einzusammeln, zu recyceln und zu entsorgen. Die Mitgliedsstaaten der EU haben bereits ihre kostenfreien Recyclesysteme konform der WEEE vor dem 13. August 2005 eingerichtet. Entsprechend der Richtlinie ist ACARD verantwortlich für die umweltgerechte Entsorgung aller nach Deutschland exportierten ACARD Produkte. Sie können Ihr zu entsorgendes ACARD Produkt zu Ihrer örtlichen Sammelstelle bringen.

AEEA verklaring

[Dutch](#)

Met het doel de stijgende hoeveelheid afgedankte elektrische en elektronische apparatuur te beheersen zonder hiervoor onnodig stortplaatsen en verbrandingsovens te belasten en om de vervuiling van het milieu door vrijkomende stoffen uit de afgedankte apparatuur te voorkomen, heeft de Europese Unie (EU) de richtlijn betreffende afgedankte elektrische en elektronische apparatuur besloten. Deze richtlijn verplicht fabrikanten afgedankte elektrische en elektronische apparatuur in te zamelen, te recycelen en te verwijderen. De lidstaten van de EU hebben reeds de kosteloze recyclesystemen volgens de AEEA vóór de 13 augustus 2005 ingericht. Conform de richtlijn is ACARD verantwoordelijk voor de verwijdering van alle naar Nederland geëxporteerde ACARD producten. U kunt uw afgedankt ACARD product naar uw locale inzamelplaats brengen.

Elektrik ve Elektronik Madde Atıkları Demeci

[Turkish](#)

Elektrik ve elektronik madde atıklarının yukselmesiyle basedebilmek ,arazi doldurma ve cop yakma fırını kullanımını azaltmak,atık madde zararlarının cevreye yayılmasını onlemek icin Avrupa Birliği (AB),ureticilerden elektrik ve elektronik madde atıklarını gerektiği gibi toplamalarını,geri donusturmelerini ve kimyasal isleme tabi tutmalarını talep etmek icin Elektrik ve Elektronik Madde Atıkları uzerine bir direktif hazırladı.Topluluk uyeleri,13 Agustos 2005' ten once elektrik ve elektronik madde atıklarının ucretsiz geri donusum sistemlerini coktan olusturmuslardı.Bundan dolayı, ACARD, Almanya'ya ihrac ettigi butun urunlerin geri donusumunden sorumludur.ACARD urunleri aeri donusum aerektirirse verel toplavicılara aeri verebilirsiniz.

WEEE бюлетьень

Russian

Чтобы справиться с увеличивающимся ненужным электрическим и электронным оборудованием, уменьшите использование закапывания мусора и использования установки для сжигания отходов, препятствуйте вредному выбросам загрязнять окружающую среду, Европейский союз (ЕС) установил Директиву по Ненужному Электрическому и Электронному Оборудованию (WEEE) для того, чтобы изготовителей собрали, перерабатывали и вообще проявили внимание к ненужному электрическому и электронному оборудованию должным образом. Члены нации установили бесплатную систему и электронному оборудованию должным образом. Члены нации установили бесплатную систему переработки WEEE до 13 августа 2005. Соответственно, ACARD обязан быть ответственным за то, что переработал все продукты, экспортируемые в Германию. Вы можете вернуть ваш продукт ACARD, который нуждается в рециркуляции местному сборщику.

WEEE Statement

French

Afin de gérer la quantité croissante de déchets électriques et électroniques, de réduire l'utilisation des décharges et des incinérateurs et d'éviter que des déchets nocifs ne polluent l'environnement, l'Union Européenne a publié la directive WEEE sur les déchets électriques et électroniques. Celle-ci spécifie que les fabricants doivent collecter, recycler et traiter l'équipement électronique et électrique usagé. Depuis le 13 août 2005, les pays membres ont mis en place un système de recyclage gratuit selon le WEEE.

De ce fait, Acard est responsable du recyclage de tous les produits exportés vers l'Allemagne. Vous pouvez mettre au rebut votre équipement ACARD usagé dans votre centre local de recyclage.

Pour plus d'informations sur les lieux de mise au rebut des équipements usagés destinés au recyclage, veuillez contacter votre mairie, votre service de traitement des déchets ménagers ou le magasin où vous avez acheté le produit.

RAEE

Spanish

Con la finalidad de reducir el incremento de residuos eléctricos y de material electrónico, reduciendo el uso de los vertederos e incineradoras y prevenir el preocupante aumento del contacto de estos residuos con el medio ambiente. Por este motivo la Unión Europea ha fijado la Directiva de Residuos de Aparatos Eléctricos y Electrónicos (RAEE) solicitando a los fabricantes la recolección, reciclaje y tratamiento de estos residuos correctamente. Los países miembros ya han establecido su sistema de reciclaje gratuito de RAEE antes del 13 de Agosto del 2005. Por este motivo ACARD es el responsable del reciclaje de todos los productos exportados a Alemania. Usted puede devolver su producto Acard a un punto de recogida local cuando desee reciclarlo.

Dichiarazione WEEE

Italian

Per far fronte all'aumento dei residui delle apparecchiature elettriche ed elettroniche, ridurre l'uso di materiale di riporto e degli inceneritori, ed impedire che il materiale nocivo delle apparecchiature residue entri a contatto con l'ambiente, l'Unione Europea (UE) ha stabilito le Direttive sui Residui delle apparecchiature Elettriche ed Elettroniche (WEEE) chiedendo ai fornitori di raccogliere correttamente, riciclare e trattare le apparecchiature elettriche ed elettroniche residue. Le nazioni facenti parte dell'Unione Europea hanno già stabilito il loro sistema gratuito di riciclaggio di questo materiale (WEEE) prima del 13 agosto 2005. Di conseguenza, ACARD è responsabile del riciclaggio di tutti i prodotti esportati in Germania. Potete restituire il vostro prodotto acquistato da ACARD che deve essere riciclato da un'azienda specifica locale.

Chapter 1 Introduction

1.1 Overview

ACP-2200 Bridge pro is the first product to provide USB and eSATA combo interfaces in the market. Through USB or eSATA interfaces, users can easily connect 2.5" /3.5"HDD of IDE or SATA as well as ATAPI devices to PC or Notebooks, while the users even don't need to restart their computers . The best part is that ACP-2200 is easy to connect. It doesn't function like other external boxes that have to be disassembled and assembled. This is a good news especially for the engineers who often need to inspect or maintain HDD and systems, thus enabling them to upgrade the convenience of data transfer and to avoid the trouble of changing interfaces.

1.2 Features

- Supports USB2.0 or eSATA connections to the PC
- Can be connected to SATA and IDE hard disks or optical drives
- OTB(One Touch Backup) Hot key supports data backup via USB interface*
- Supports 2.5"/3.5" IDE or SATA HDD / ODD. Foolproof connectors to prevent incorrect connections.
- Streamline design, goes well with Notebook

* Need eSBR (easy storage 、easy backup 、easy recovery) Utility support.

1.3 Specifcatons

- Built-in ACARD USB/eSATA to SATA & IDE single control chip
- Portable USB interface to supports 2 devices
- Refer to the previous suggestion
- Power adapter for 100~240V
- Supports overvoltage and instantaneous current protection
- Dimension : 98mm(W) ×17mm(H) ×73mm(D)

1.4 Accessories

- ACP-2200 x 1
- External power supply x 1
- User's Manual x 1
- IDE cable 8cm x 1
- SATA cable 10cm x 2
- Support CD x 1
- Carry Pouch x 1
- Y tvpe power cable



Chapter 2 Appearance

2.1 Main unit appearance

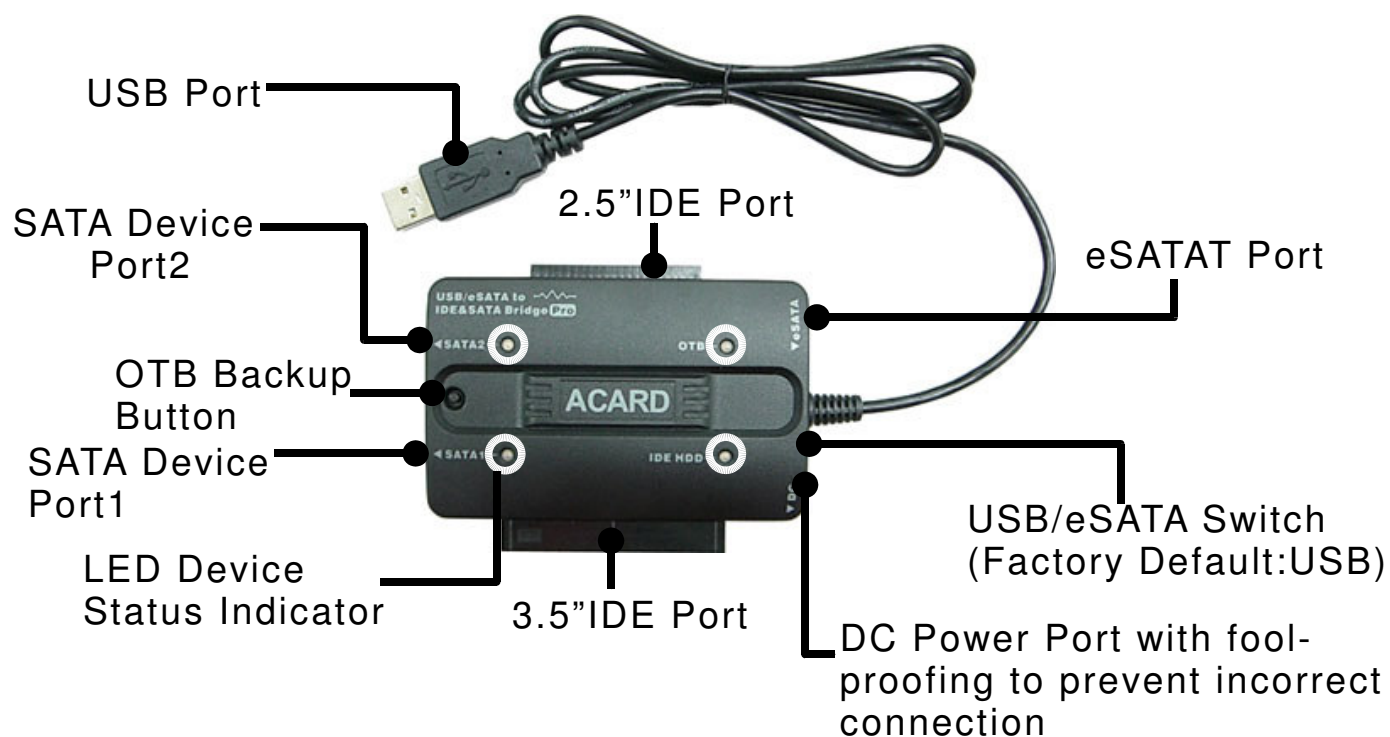
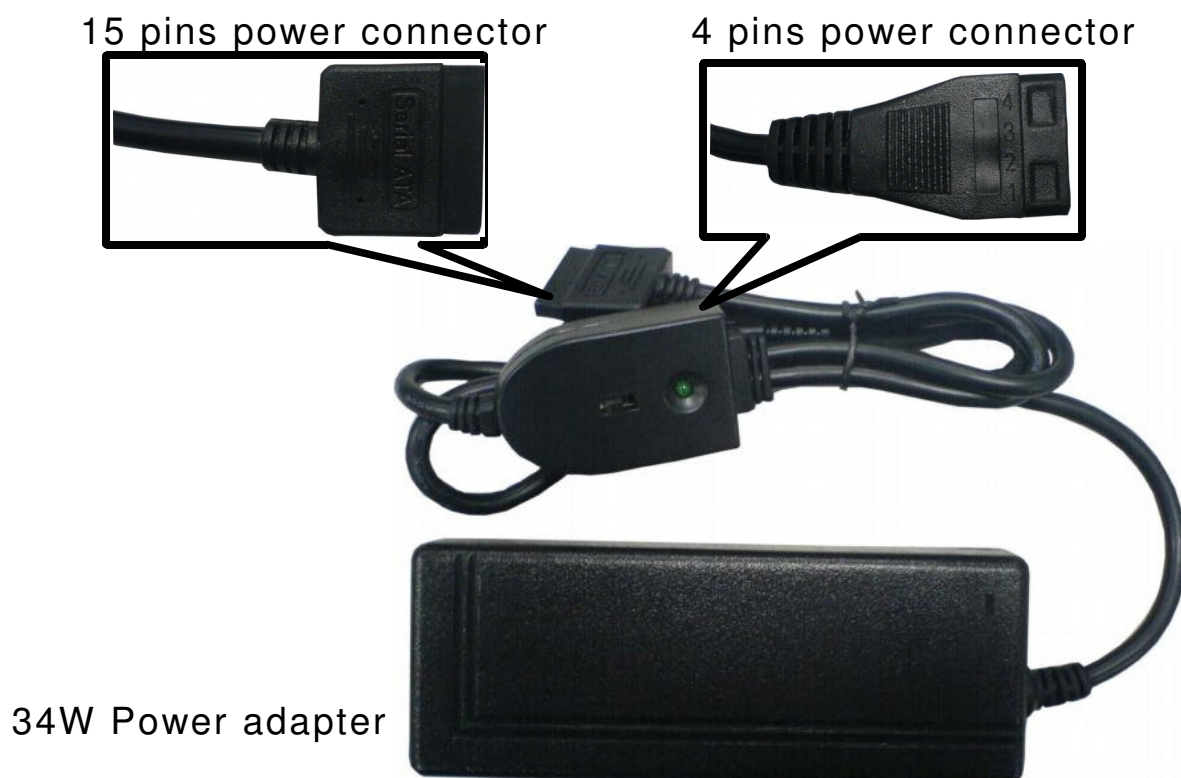


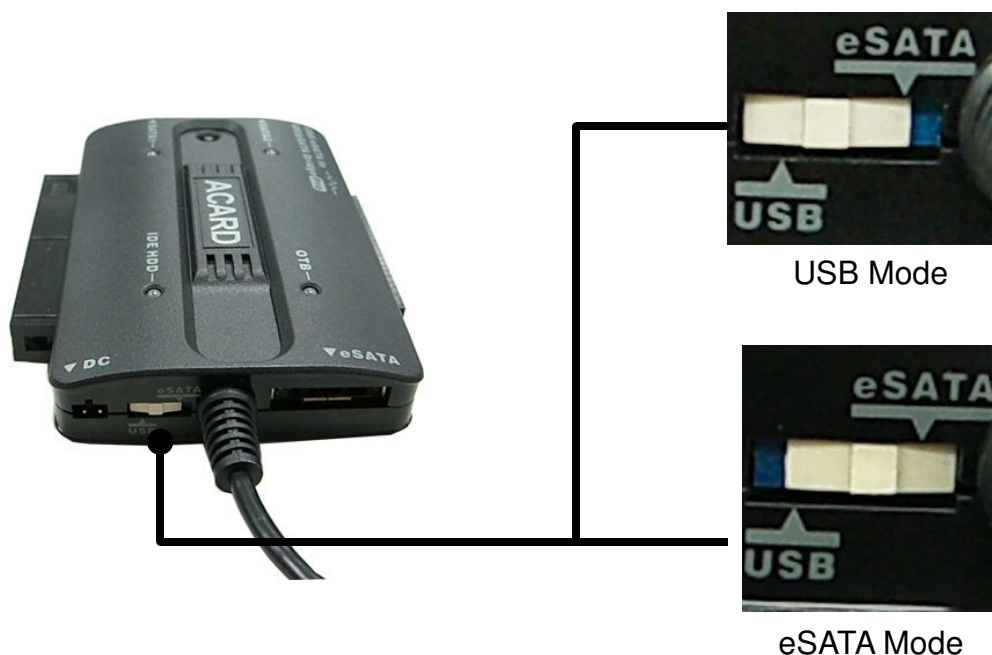
Fig.1 Product Diagram

2.2 Power supply appearance



2.3 Host-end Connections

2.3.1 The ACP-2200 provides two types of host connection interfaces: USB or eSATA. You can switch between them as shown below:



Switching between USB/eSATA modes

- **Please turn off the power supply connected to the ACP-2200 and disconnect it from the host before switching the main unit to USB or eSATA mode.**
- When the main unit is set to USB mode, it can recognize up to two devices at the same time.
- When the main unit is set to eSATA mode, it can only recognize one device.

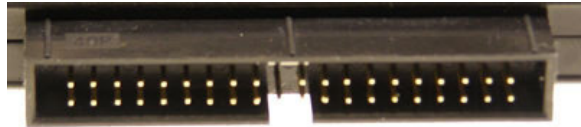
2.4 Device-end connections

2.4.1 IDE Port

Connect the included IDE cable (8cm) and power supply with the device.



2.5" IDE HDD Connector



3.5" IDE Port

2.4.2 2.5" IDE HDD

The ACP-2200 can be connected directly to the 2.5" IDE HDD



2.5" IDE Port

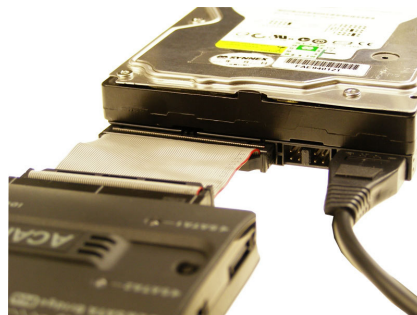


Connect 2.5" HDD in
direction of arrow

Note: The 2.5" IDE port is powered so there is no need for a separate power supply



ACP-2200 & IDE
connector



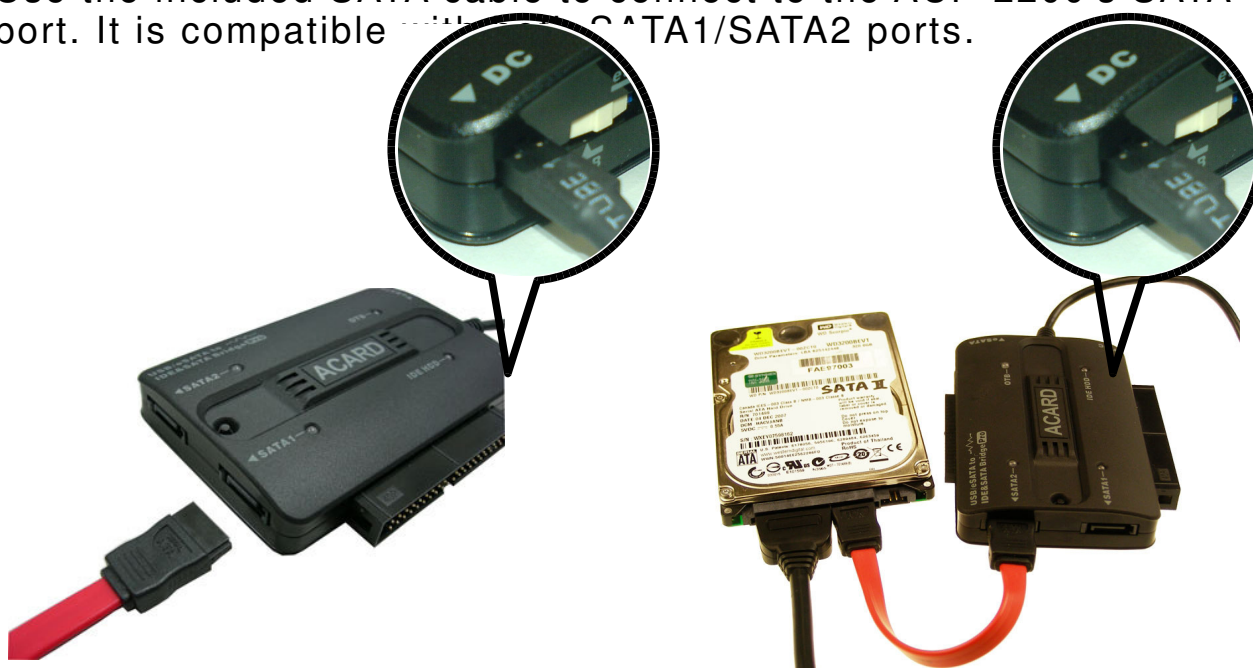
ACP-2200 connected
to IDE HDD



ACP-2200
connected to IDE
optical drive

2.4.3 2.5" SATA HDD

Use the included SATA cable to connect to the ACP-2200's SATA1 or SATA2 ports. It is compatible with SATA1/SATA2 ports.

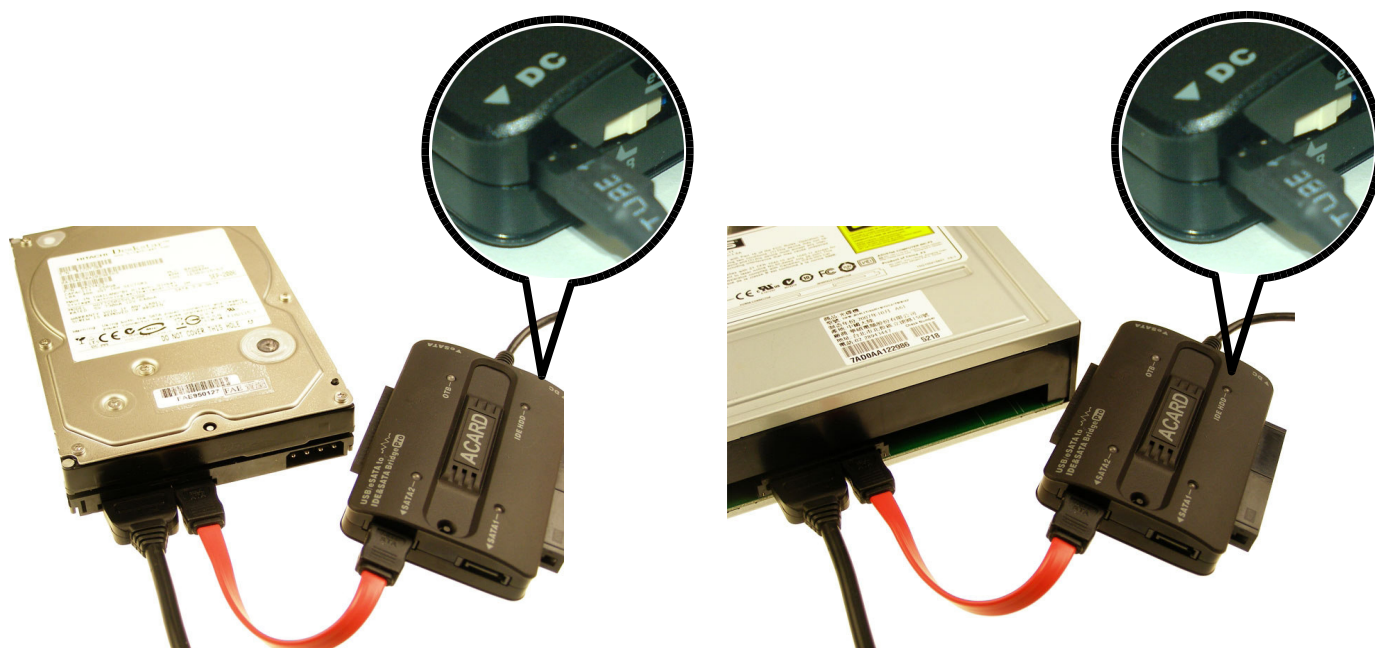


ACP-2200 & SATA connector

ACP-2200 connected to
2.5" SATA HDD

2.4.4 3.5" SATA HDD or Optical Drive

Use the included SATA cables to connect to the ACP-2200's SATA1 or SATA2 ports (SATA1/SATA2 can both be used at the same time).



ACP-2200 connected to
3.5" SATA HDD

ACP-2200 connected to
SATA optical drive

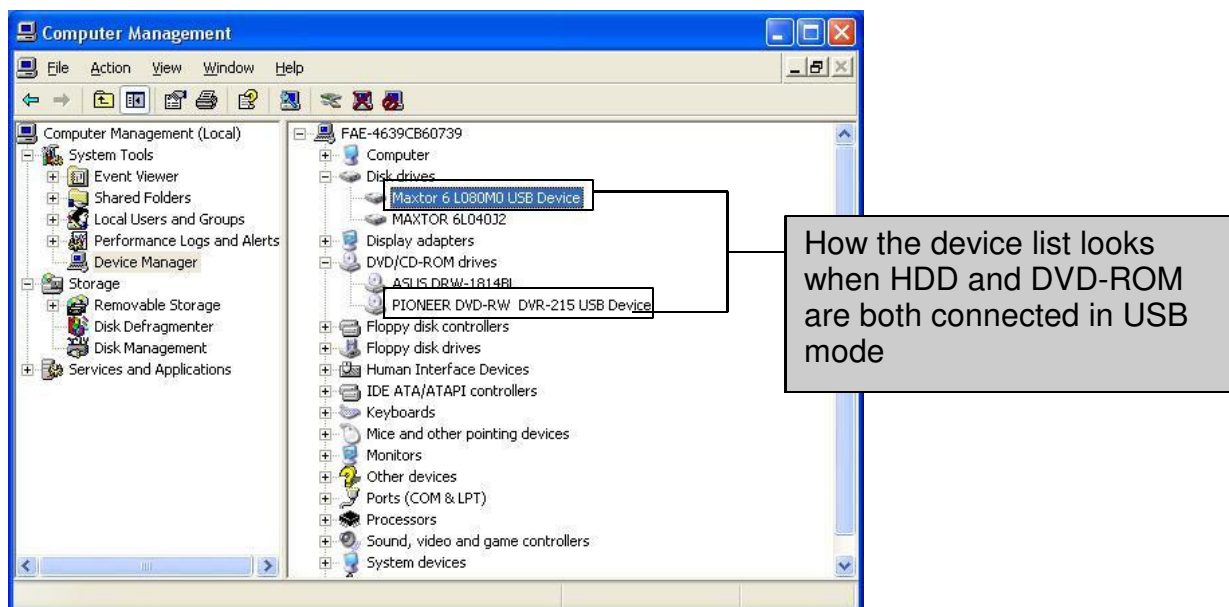
2.4.5 Connection Rules

Host-end/Device-end	SATA Port 1	SATA Port 2	2.5" IDE	3.5" IDE
USB mode	✓			
		✓		
			✓	
				✓
			✓	✓
	✓	✓		
	✓		✓	
	✓			✓
		✓	✓	
eSATA mode	✓			
		✓		
			✓	
				✓

ACP-2200 Connection Rules List

Note:

- Device priority is SATA1 > SATA2 > 2.5" IDE > 3.5" IDE
- When host is set to eSATA mode, do not use the 2.5" and 3.5" IDE ports at the same time

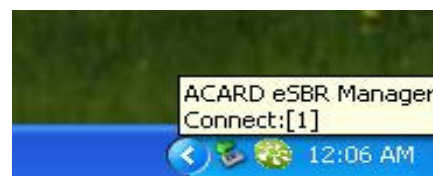


Chapter 3 Configuration

3.1 One Touch Backup (OTB)

Before using the ACP-2200's OTB button, you must install the eSBR utility from the included CD-ROM. Once installed a round green icon will appear in the system tray in the lower right corner of the screen. The "OTB Manager" will also be added to the system's Startup folder so it will be automatically loaded when the computer is started.

eSBR Utility icon



Now we connect the ACP-2200's power supply and use the USB/eSATA cable to connect it to the computer. Press the OTB button indicated below to use the backup feature:

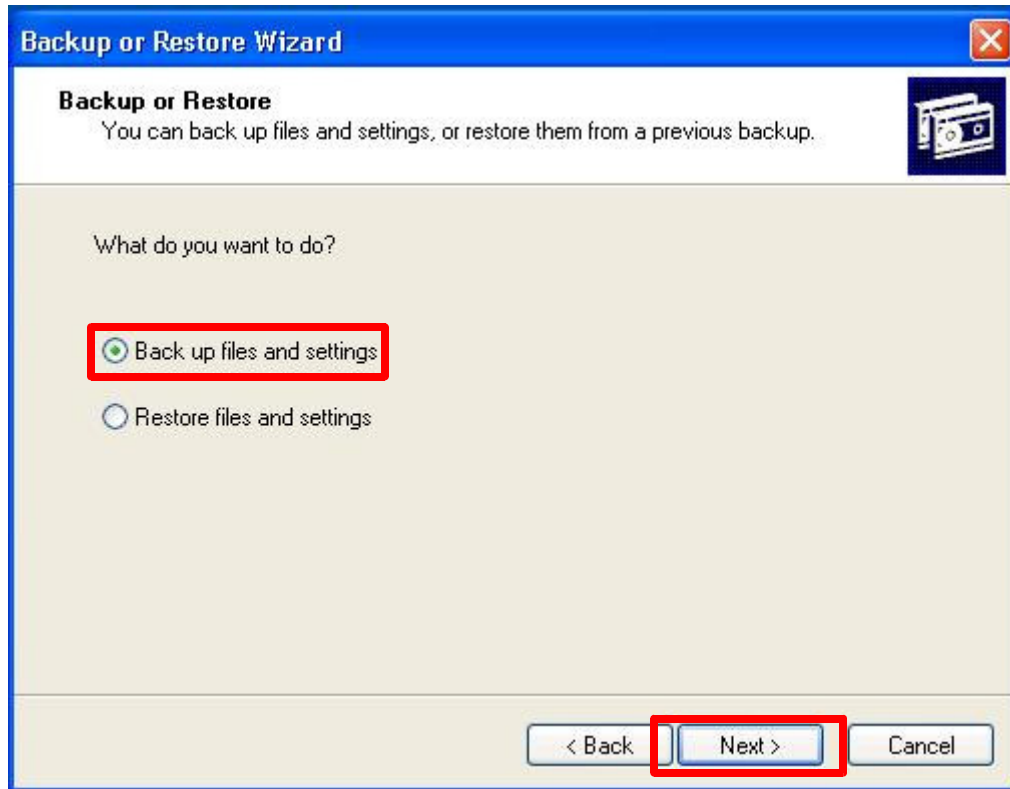
One Touch
Backup button
(OTB)



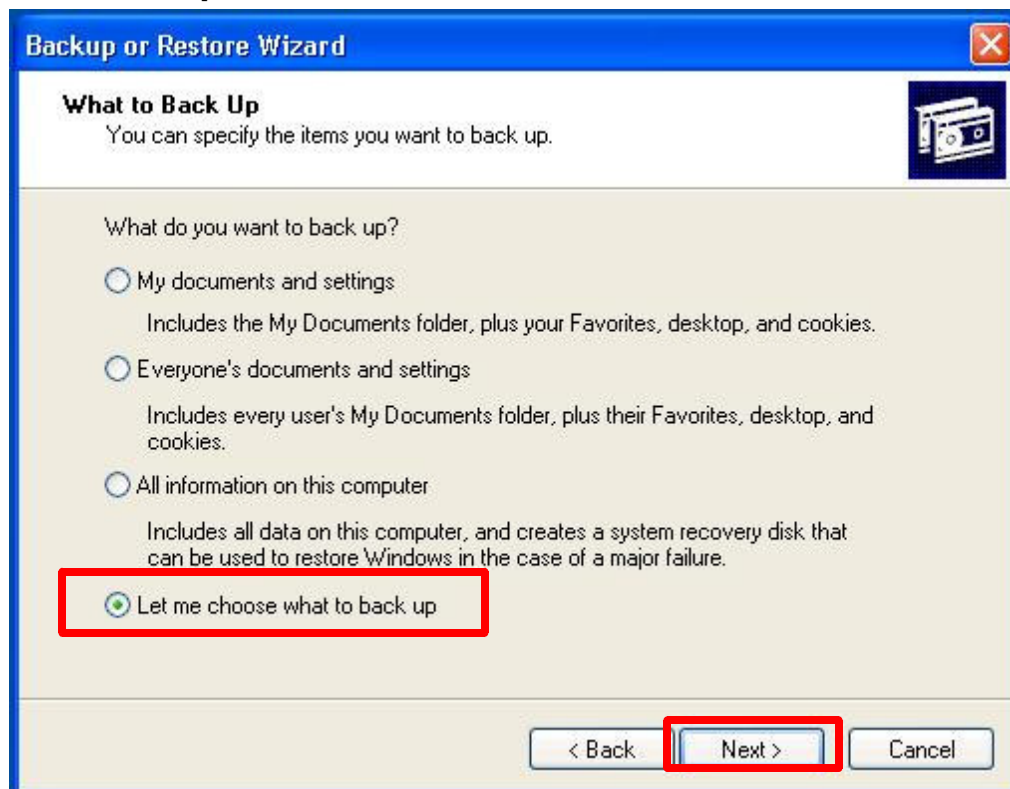
Once the button is pressed it will launch XP's system backup or recovery wizard. The backup prompt window shown below will appear on the connected computer. Use the mouse to click "**Next**":



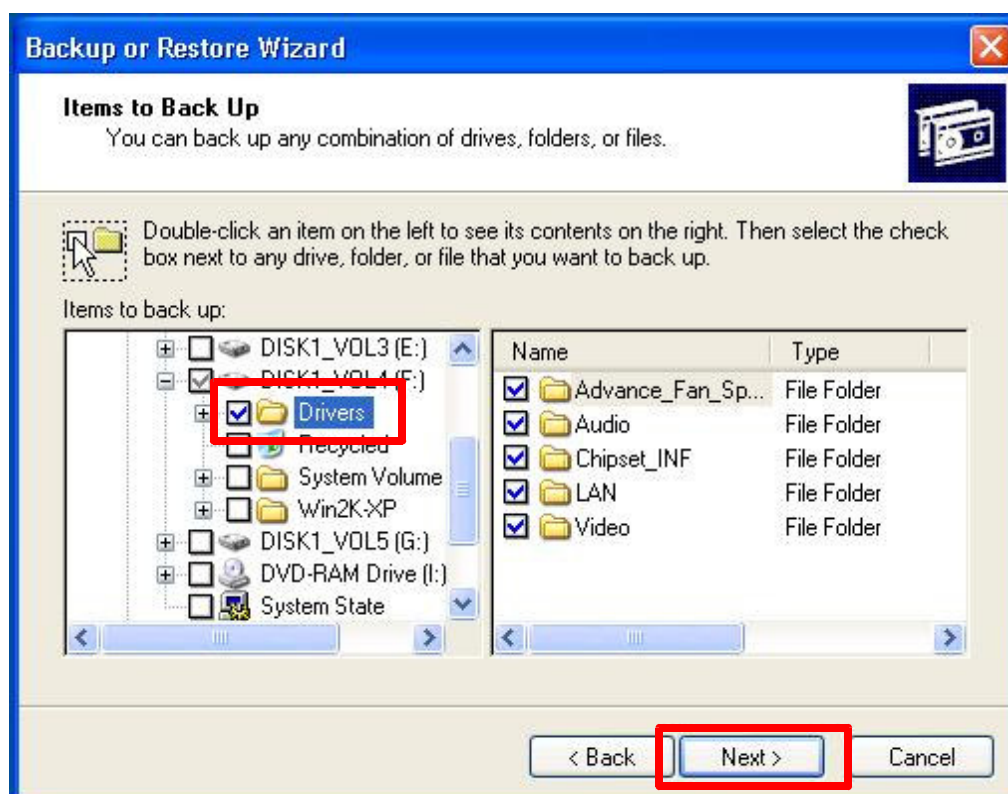
To backup data for the first time, follow the prompt and select **“Back up Files and settings”**. Use the mouse to click **“Next”**.



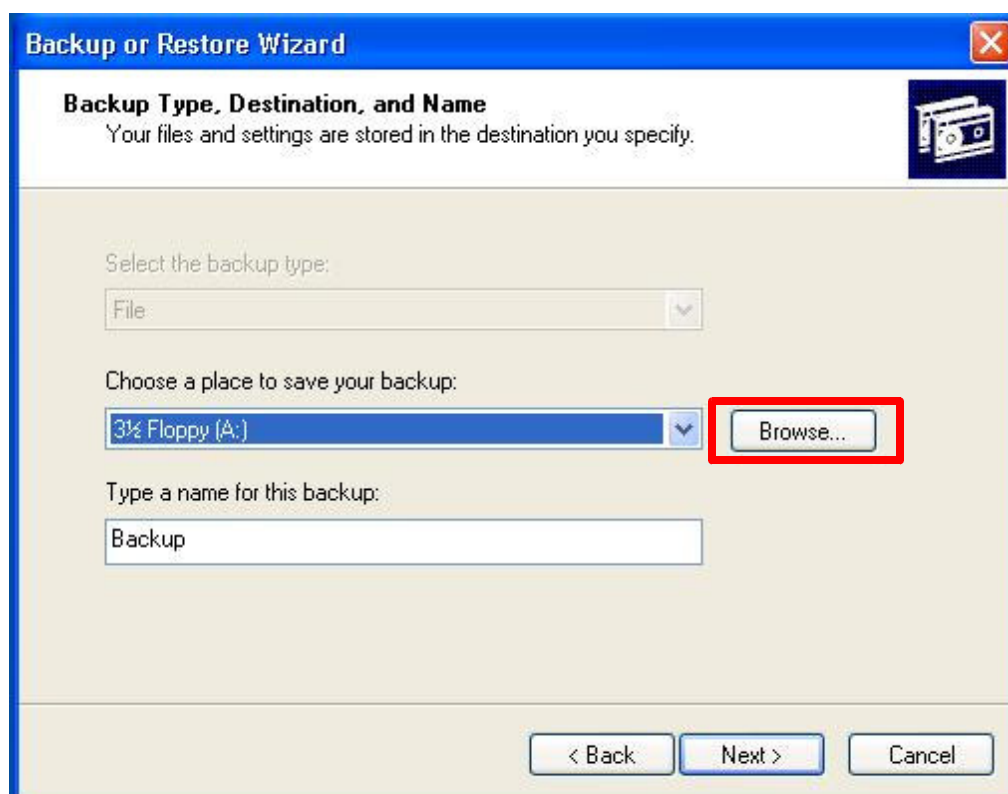
Choose the data you wish to backup to the ACP-2200. These can be one of the data backup options listed below. For example, we can choose **“Let me choose the data to backup”** then click **“Next”** as shown below:



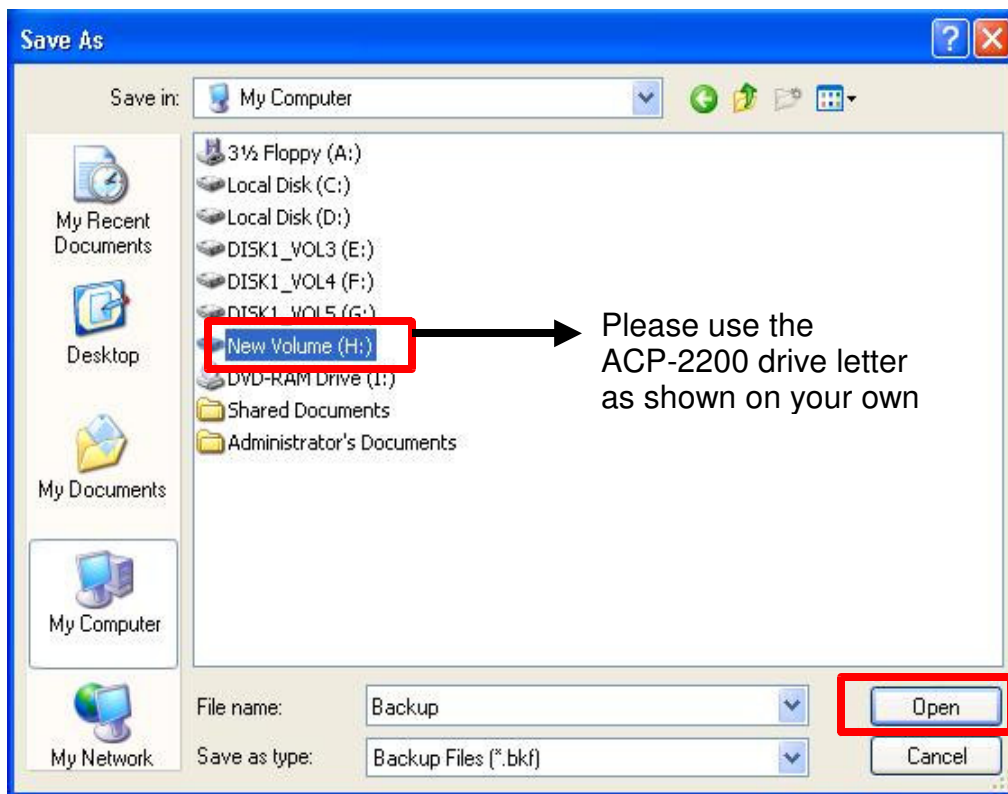
Choose the files on the computer to backup, then click on "Next":



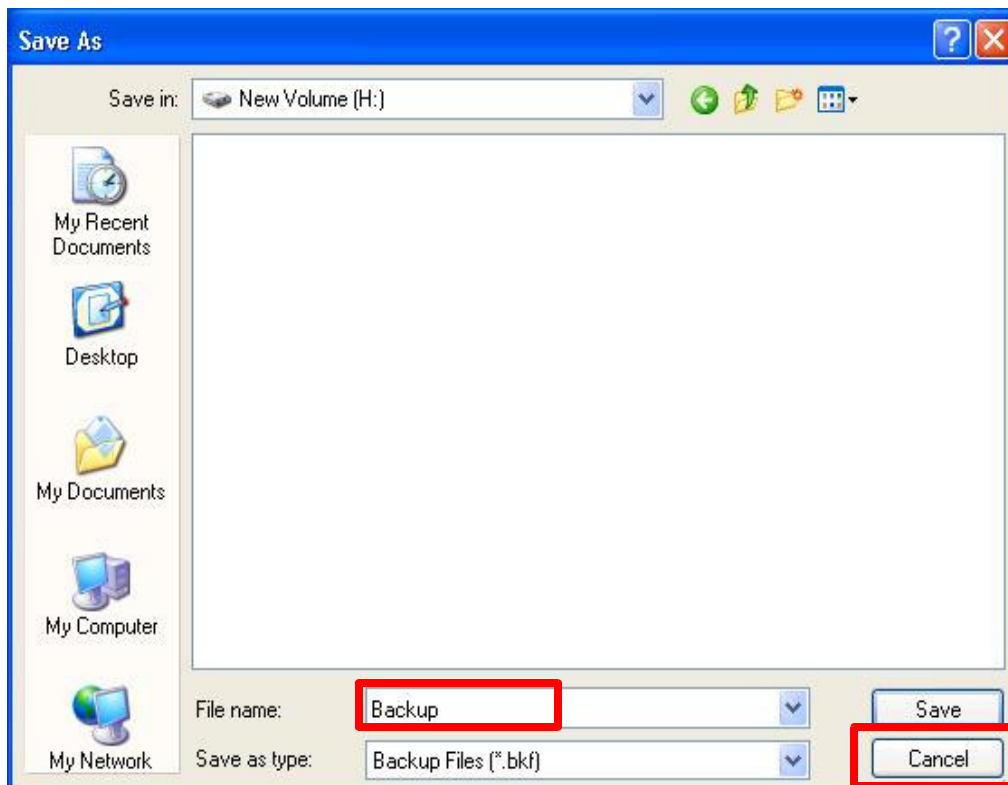
Choose where you want the data to be stored on the ACP-2200 and assign the backup file a filename. The destination on the ACP-2200 can be changed by clicking on "Browse".



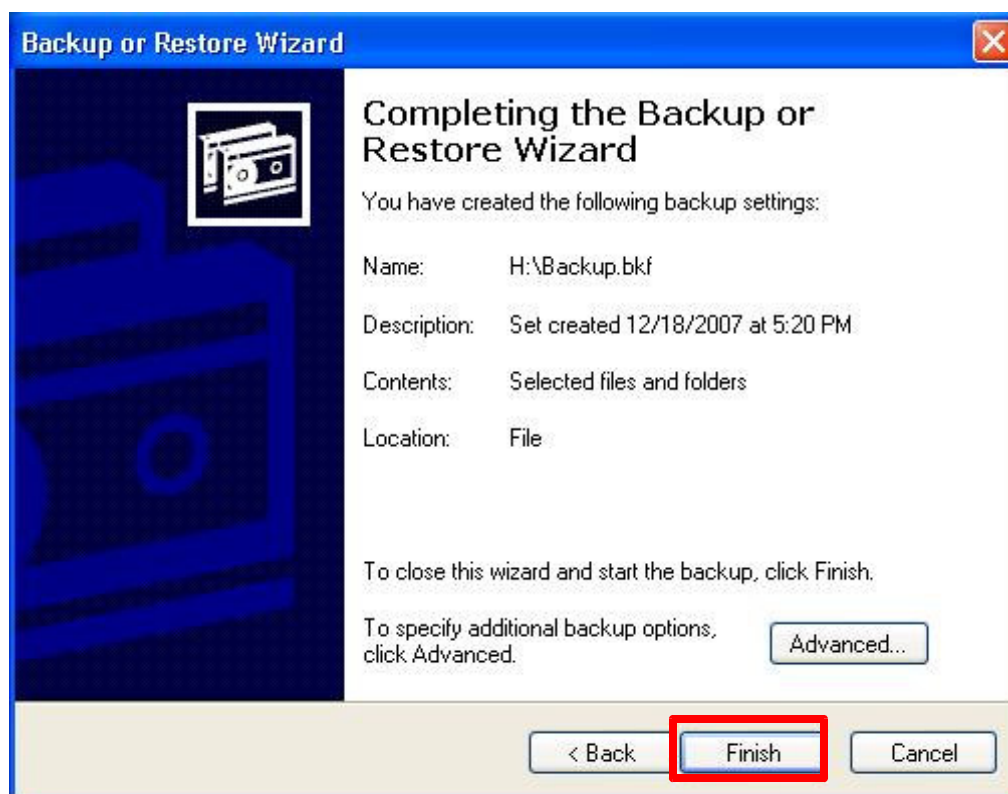
If you click on “**Browse**” a “**Save as...**” window will appear. Select the drive letter for the ACP-2200 and click on “**Open**” as



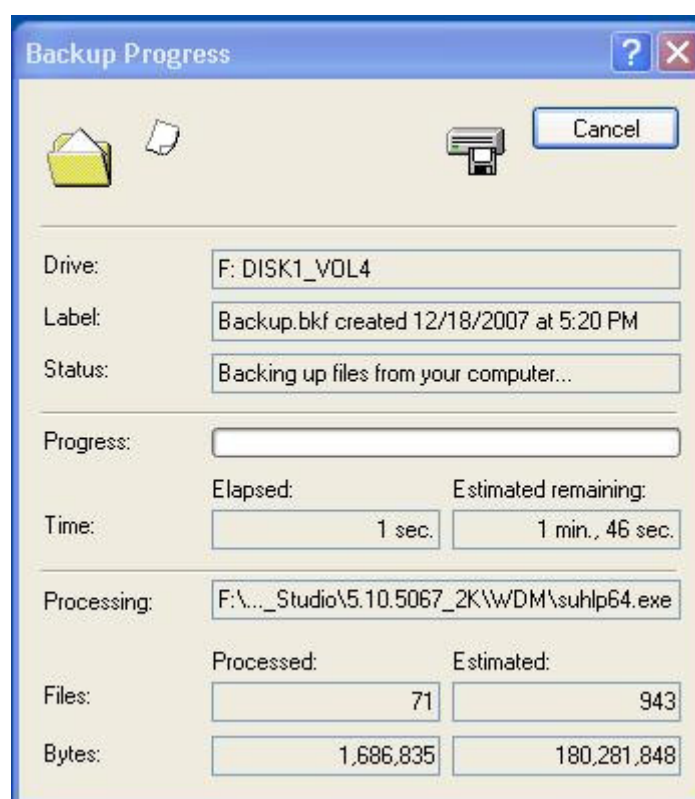
At the ACP-2200 hard disk, check that the name of the backup file is correct then click on “**Save**” as shown below:



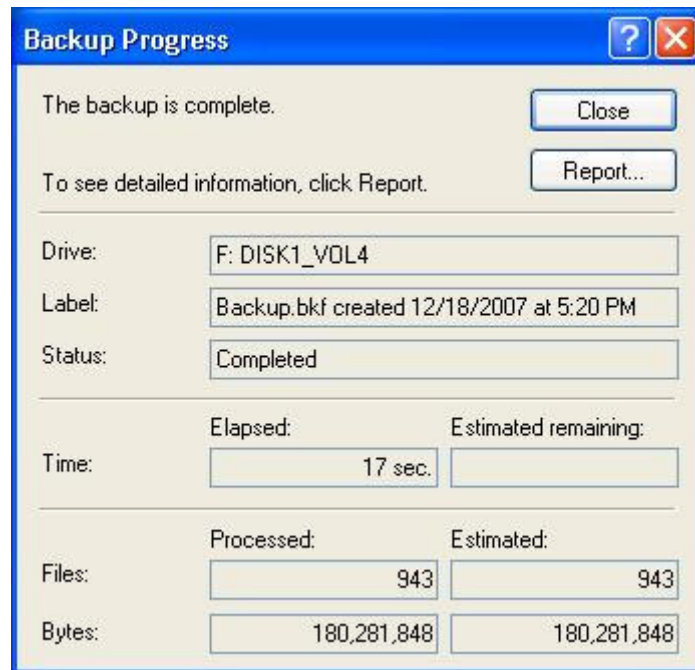
Finally, click on **"Finish"** to end the backup & recovery wizard and begin backing up your files:



When the backup is under way, the backup progress window will appear:

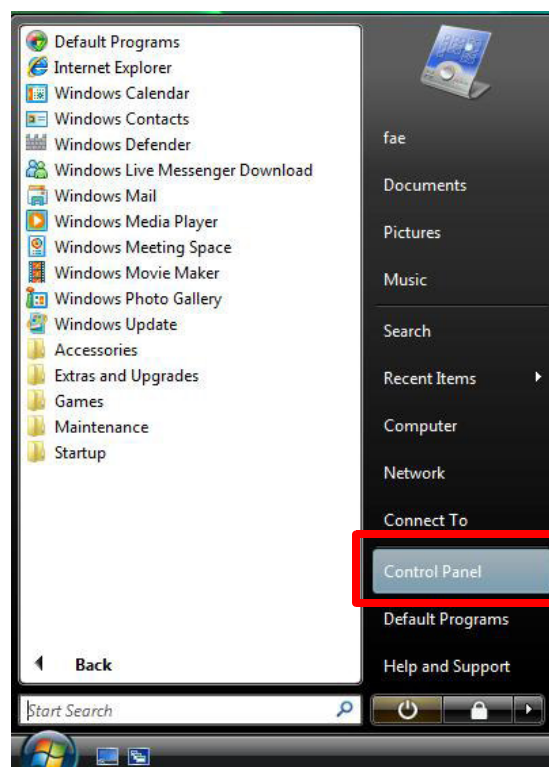


When done, click on “**Close**” to finish the backup process or click on “**Report**” to check the backup information as shown below:

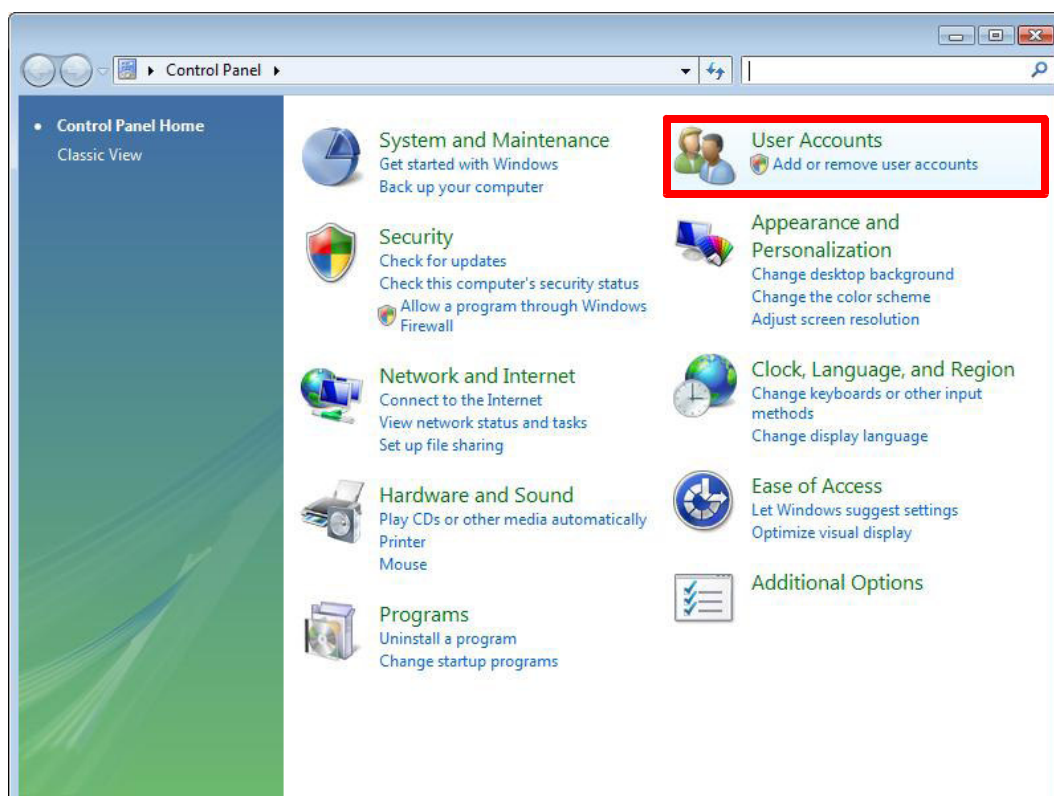


If you cannot properly use eSBR software or Mirror Utility Tools in the Vista operating system, this problem may be resolved by disabling the User Account Control (UAC) feature. The specific procedures are shown as below:

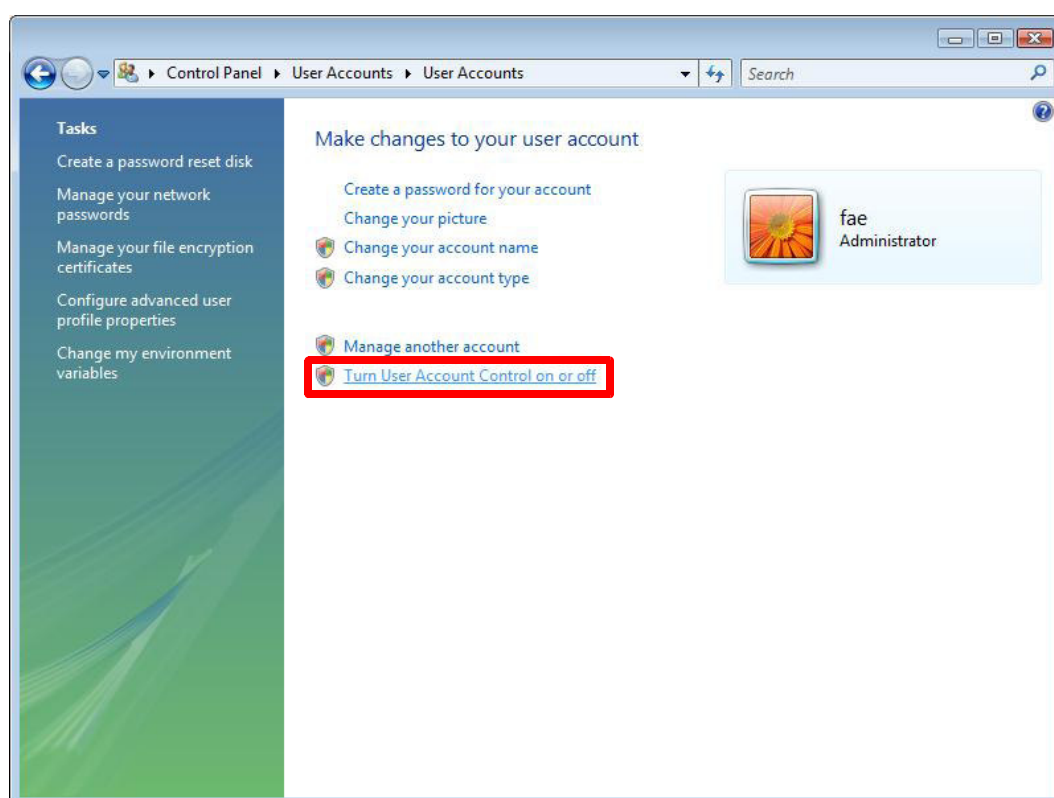
Click **Start** —> **Settings**-> **Control Panel**, as shown below:



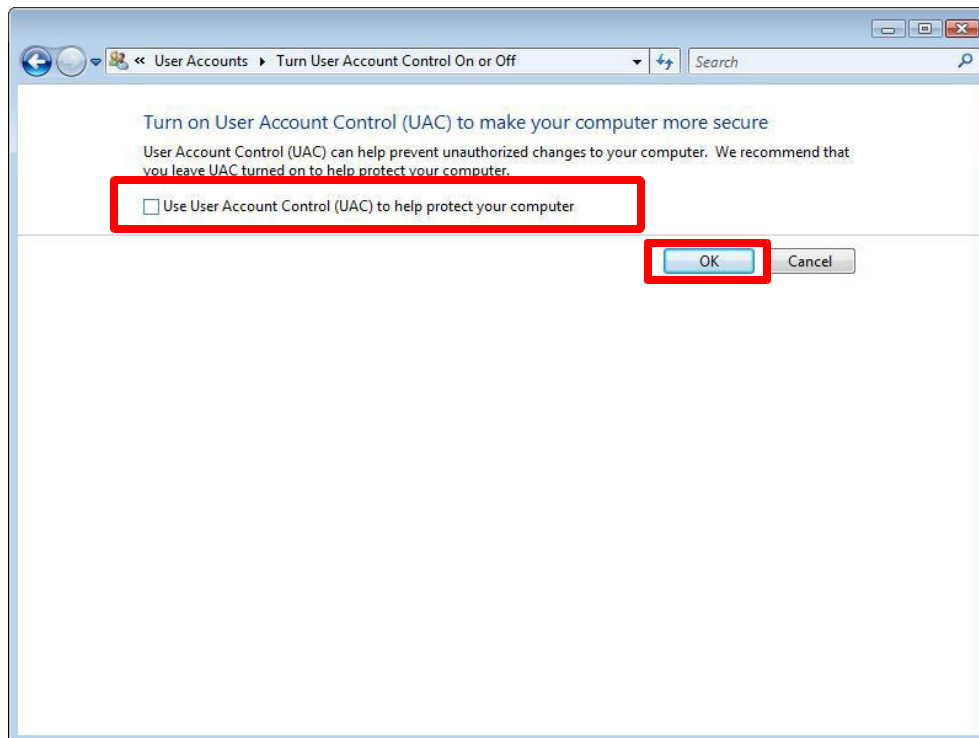
In the pop-up Control Panel windows, click the “User Account” icon, as shown below:



This brings you to the user account screen:



In this window, click “Turn User Account Control on or off” and the “Turn User Account Control on or off” window as shown below appears. Then, clear the check box before “Use User Account Control (UAC) to help protect your computer” and click “OK.” Finally, restart the system for the settings to take effect.



3.2 Attention

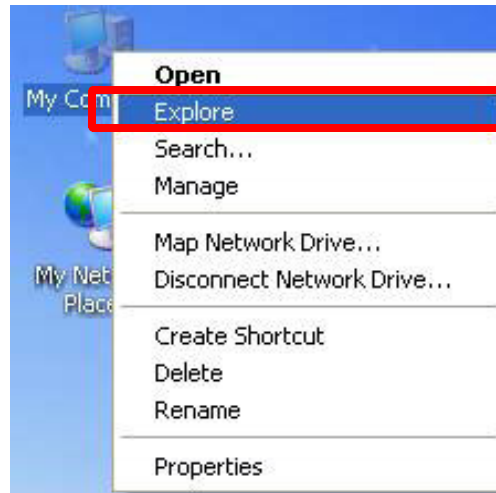
- This product's DC power supply can't be connected to the computer
- A newly installed HDD must be formatted before it can be used
- Computer virus, power outage or human error can cause unavoidable data loss.
- This product supports switching between USB/eSATA Host modes. Before switching modes, turn off the product's power supply and disconnect the USB or eSATA cable first.
- The eSBR utility supports the built-in backup feature on Windows 2000/XP/Vista. For support of other operating systems, please check the ACARD website at <http://www.acard.com.tw>
- When switching host modes, please read through the manual carefully.
- The Ha! DVD Burner included in the support CD is a trial version intended for use with burners. To purchase the full version, please visit the ACARD website at <http://www.acard.com.tw>
- All brand names, product names or trademarks belong to their respective holders.
- Some of the product's appearance or specifications may be subject to change without notice.

Appendix 1

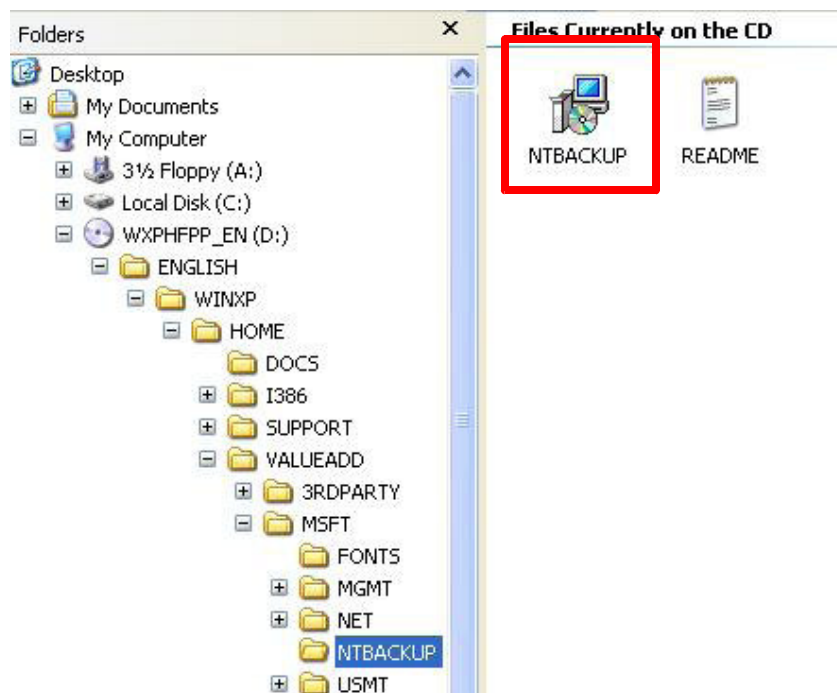
Installation of the Windows backup and recovery component

Windows system recovery and backup assembly are not included in the XP Home Edition so you must manually install them from the genuine software you purchased. If you use a laptop computer, please contact your dealer. First, insert the XP disc into the optical drive, click “My Computer,” and select “Windows Explorer.”

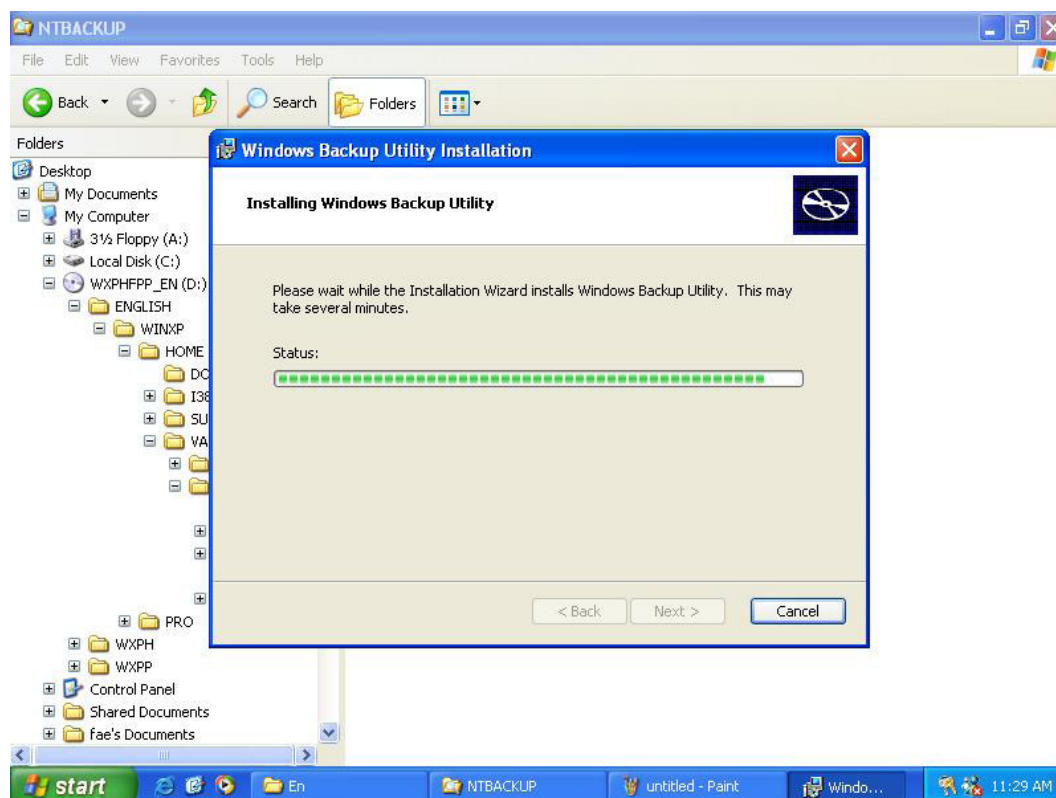
As shown below:



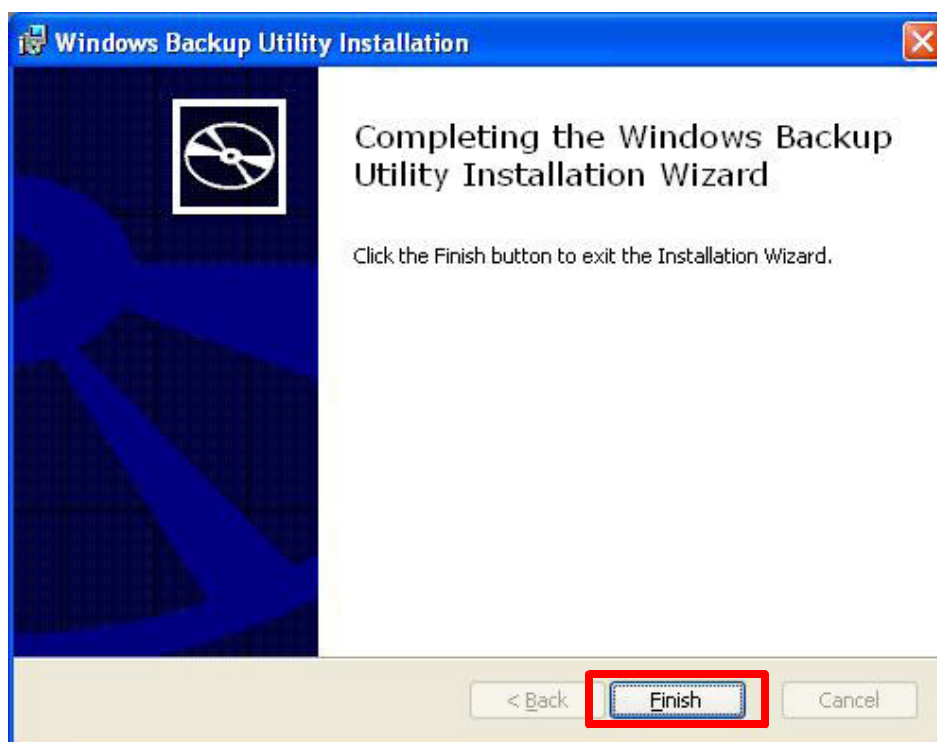
In “Windows Explorer,” click **My Computer**→ **XP Disc**→**VALUEADD**→**MSFT** → **NTBACKUP** to the left of the folder and you can see the systemrestore and backup installation procedures “**NTBACKUP.MSI**” and Help documents to the right of the folder.



Install “**NTBACKUP.MSI**” directly, as shown below:



After installation is complete, select **Finish**, as shown below:



When the installation is completed you can now use Windows' built-in backup function normally.

Technical Support Request Form

Mail to: support@acard.com

Website: <http://www.acard.com>

*Model	ACP-2200	
System Info		
*Mainboard		
Bios Version		
Chipset		
Memory		
Graphics Card		
Expansion Card		
*Operating System Version		
Devices Connected to ACP-2200		
Hard Disk	1 st	2 nd
* Brand		
* Model		
* Capacity		
Optical Drive	1 st	2 nd
* Brand		
* Model		
* Problem Description :		

* Indicates required fields